

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Canceled).
2. (Currently Amended) ~~The program update apparatus according to claim 1, further comprising:~~ A program update apparatus for updating an operation program on which an application program is executed, comprising:
 - storage means for separately storing at least two operation programs;
 - activating means for selecting and activating one of the operation programs, wherein the selected operation program configures a setting required for execution of the application program;
 - first failure detecting means for detecting a failure in activation of the selected operation program;
 - second failure detecting means for detecting a failure in activation of the application program executed on the selected operation program, wherein the application program requires the setting configured by the selected operation program for the execution thereof;
 - a recovering application which resets the setting configured by the selected operation program; and
 - informing means which gives information to an external device outside the program upgrade apparatus,
 - wherein, in the case when the first failure detecting means detects any failure in the activation of the selected operation program, the activating means selects another operation program to switch over from the selected operation program, and in the case when the second failure detecting means detects any failure in the activation of the application program, the recovering application resets the setting configured by the selected operation program, and
 - wherein, in the case when the updating process of the operation program is not carried out correctly, by the informing means, the information indicating the incorrect updating process is given to an external device outside the program upgrade apparatus.

3. (Canceled).
4. (Currently Amended) ~~The program update method according to claim 3, further comprising the steps of:~~ A method for updating an operation program on which an application program is executed, comprising:
- operating a first operation program, stored in a first storage area, to execute the application program, wherein the application program uses a first setting configured by the first operation program;
 - storing a second operation program in a second storage area formed separately from the first storage area;
 - activating the second operation program to switch over from the first operation program, wherein a second setting used for execution of the application program is configured by the second operation program;
 - detecting a failure in activation of the second operation program;
 - detecting a failure in activation of the application program;
 - in the case when a failure is detected in the activation of the second operation program, activating a first operation program to switch over from the second operation program;
 - in the case when a failure is detected in the activation of the application program, activating a recovering application which resets a setting used for execution of the application program and resetting the second setting to the first setting; and
 - in the case when the updating process of the operation program is not carried out correctly, giving the information indicating the incorrect updating process to an external device.